# **PHILIPS** Lighting



# The ultimate in retail flexibility and performance

### StyliD Evo

With StyliD Evo, retailers can enjoy the superior guality of light and market-leading energy efficiency of PerfectAccent optics in a series of flexible and future-proof projectors. StyliD Evo projectors are easy to reconfigure with quick and easy optic upgrades that require no tools. They also support frequently changing they layout of outlets, as the StyliD Evo projector can be easily repositioned on the track or Maxos fusion backbone. Covering a wide range of lighting applications, from lower light levels in convenience formats to high-ceiling installations where very high light output is required, StyliD offers continuity for every retail concept. StyliD Evo can be mounted on 3C or DALI track (ST770T, ST780T), on Maxos fusion (ST770S, ST780S, ST770X), or into the ceiling with a semi-recessed version (ST770B). All StyliD Evo projectors with PerfectAccent reflectors are certified as a circular lighting product and offer multiple system integration and dimming options, including wired as well as wireless. For a prolonged shelf life and better visual representation of food, reducing food waste and increasing sales, fresh food LED lighting recipes are available. Check out our Fashion and Food catalogue pages to find out more about PremiumWhite, PremiumColor, Fresh Meat, Rosé, Frost and Champagne.

#### Benefits

- $\boldsymbol{\cdot}$  Attract shoppers with more sparkle and superior eye comfort
- $\cdot$  Easy to reposition and upgrade for frequent outlet updates
- $\cdot$  Best-in-class efficacy to reduce carbon footprint and save on energy use
- Certified as circular lighting with PerfectAccent high-efficacy reflectors

#### Features

- $\cdot$  Easy optic replacement or upgrades that require no tools
- $\cdot$  Available with PerfectAccent high-efficacy reflectors
- $\cdot$  Optional front glass9advised in dusty environments)
- $\cdot$  Up to 6,000 lm output for high installation heights
- The high-intensity oval beam allows increased luminaire spacing when lighting fresh food counters or wordmarks and banners on the wall
- Available with fresh food LED lighting recipes and LED flavours
- Wired(DALI) and wireless connectivity options

#### Application

- $\cdot$  Convenience stores
- $\cdot$  Supermarkets and hypermarkets
- $\cdot$  Large Retail formats

#### Warnings and Safety

- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using a front glass
- Use pressurised air only to clean the optic. Touching the LED or reflector is forbidden. For food preparation areas and areas with high levels of dust, the use of the optional front glass is strongly advised, as it can be cleaned with a (dry) microfibre cloth.
- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

#### Versions



ST771T StyliD Evo Driver-in-track -

white

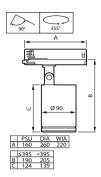


ST771T StyliD Evo Driver-in-track black



StyliD Evo Performance ST780T white, track version

#### Dimensional drawing



## 

#### **Product details**



OptiShield protects the optical compartment from bugs and dust



Aiming indication, with marking for Indoor Positioning operation



StyliD Evo Performance white, side view



StyliD Evo Performance white, front view



StyliD Evo Exploded View



StyliD Evo Performance in white, full rotation flexibility

General InformationDriver includedYesNumber of gear unitsUnitService TagYesService TagYesLight Technical120 degree(s)Beam angle of light source3000 KCorrelated Colour Temperature (Nom)3000 KProtection class IECSafety class IIInput Voltage220 to 240 VLine Frequency50 to 60 HzDimmableYesPotection class IECSafety class IIInput Voltage200 to 240 VLine Frequency50 to 60 HzVersSafety class IIMechanical and HousingYesMech. impact protection codeIK02Ingress protection codeIK02Ambient temperature range+10 to +35 °CCE markYesFIARMANICFor mounting on normally flammableGlow-wire testTemperature 650 °C, duration 30 s		
Number of gear unitsUnitNumber of gear unitsUnitService TagYesLight TechnicalI20 degree(s)Beam angle of light source120 degree(s)Correlated Colour Temperature (Nom)3000 KOperating and Electrical200 to 240 VProtection class IECSafety class IIInput Voltage220 to 240 VLine Frequency50 to 60 HzControls and DimmingYesMechanical and HousingIK02Mech. impact protection codeIK02Ingress protection codeIK02Ambient temperature range+10 to +35 °CCE markFor mounting on normally flammability markFol Controls and DimmingSing and a suffacesGeneration codeINEC markAmbient temperature range+10 to +35 °CGenarkFor mounting on normally flammability markFor mounting on normally flammability markFor mounting on normally flammability markFor mounting on suffacesTemperature 650 °C, duration 30 s	General Information	
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Dimmable     Yes       Mechanical and Housing     IK02       Mech. impact protection code     IK02       Ingress protection code     IP20       Approval and Application     I       CE mark     Yes       ENEC mark     ENEC mark       Flammability mark     For mounting on normally flammable surfaces       Glow-wire test     Temperature 650 °C, duration 30 s	Line Frequency	50 to 60 Hz
Dimmable     Yes       Mechanical and Housing     IK02       Mech. impact protection code     IK02       Ingress protection code     IP20       Approval and Application     I       CE mark     Yes       ENEC mark     ENEC mark       Flammability mark     For mounting on normally flammable surfaces       Glow-wire test     Temperature 650 °C, duration 30 s		
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Mech. impact protection code       IK02         Ingress protection code       IP20         Approval and Application       Intervention         Ambient temperature range       +10 to +35 °C         CE mark       Yes         ENEC mark       ENEC mark         Flammability mark       For mounting on normally flammable surfaces         Glow-wire test       Temperature 650 °C, duration 30 s         Initial Performance (IEC Compliant)       Initial Performance (IEC Compliant)		
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Ambient temperature range       +10 to +35 °C         CE mark       Yes         ENEC mark       ENEC mark         Flammability mark       For mounting on normally flammable surfaces         Glow-wire test       Temperature 650 °C, duration 30 s         Initial Performance (IEC Compliant)       Compliant)		
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Glow-wire test Temperature 650 °C, duration 30 s		flammable
°C, duration 30 s Initial Performance (IEC Compliant)		surfaces
Initial Performance (IEC Compliant)	Glow-wire test	Temperature 650
· · · · · ·		°C, duration 30 s
· · · · · ·		
	Initial Performance (IEC Compliant	t)
Luminous flux tolerance +/-10%	Luminous flux tolerance	+/-10%

#### **General Information**

Order Code	Full Product Name	Light source replaceable
58791500	ST771T 39S/PW930 WIA WB WH	-
58792200	ST771T 39S/PW930 WIA WB BK	-
97754200	ST780T 49S/830 DIA-VLC OVL-H WH	No

#### Light Technical

		Colour	Luminous		
	Full Product	rendering	efficacy	Luminous	
Order Code	Name	index (CRI)	(rated) (nom.)	Flux	Optic type
58791500	ST771T 39S/ PW930 WIA WB WH	>90	124 lm/W	3,850 lm	Wide beam
58792200	ST771T 39S/ PW930 WIA WB BK	>90	124 lm/W	3,850 lm	Wide beam

		Colour	Luminous		
	Full Product	rendering	efficacy	Luminous	
Order Code	Name	index (CRI)	(rated) (nom.)	Flux	Optic type
97754200	ST780T	>80	125 lm/W	4,800 lm	Oval
	49S/830 DIA-				horizontal
	VLC OVL-H WH				beam

#### **Operating and Electrical**

			Suitable for
Order Code	Full Product Name	Power Consumption	random switching
58791500	ST771T 39S/PW930 WIA WB	31 W	Not applicable
	WH		

			Suitable for
Order Code	Full Product Name	Power Consumption	random switching
58792200	ST771T 39S/PW930 WIA WB BK	31 W	Not applicable

			Suitable for
Order Code	Full Product Name	Power Consumption	random switching
97754200	ST780T 49S/830 DIA-VLC	38.5 W	No
	OVL-H WH		

#### **Controls and Dimming**

			Maximum dim
Order Code	Full Product Name	Embedded control	level
58791500	ST771T 39S/PW930 WIA WB WH	-	-
58792200	ST771T 39S/PW930 WIA WB BK	-	-

			Maximum dim
Order Code	Full Product Name	Embedded control	level
97754200	ST780T 49S/830 DIA-VLC OVL-	Visible light	1%
	H WH	communication	

#### Mechanical and Housing

Order Code	Full Product Name	Housing Colour
58791500	ST771T 39S/PW930 WIA WB WH	White
58792200	ST771T 39S/PW930 WIA WB BK	Black

Order Code	Full Product Name	Housing Colour
97754200	ST780T 49S/830 DIA-VLC OVL-H WH	White

#### **Emergency Operation**

Order Code	Full Product Name	Central Emergency
58791500	ST771T 39S/PW930 WIA WB WH	No
58792200	ST771T 39S/PW930 WIA WB BK	No

Order Code	Full Product Name	Central Emergency
97754200	ST780T 49S/830 DIA-VLC OVL-H WH	-

#### Approval and Application

		Flickering value	Stroboscopic
Order Code	Full Product Name	(PstLM)	effect
58791500	ST771T 39S/PW930 WIA WB WH	-	-
58792200	ST771T 39S/PW930 WIA WB BK	-	-

		Flickering value	Stroboscopic
Order Code	Full Product Name	(PstLM)	effect
97754200	ST780T 49S/830 DIA-VLC OVL-H	1	0.5
	WH		

#### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
58791500	ST771T 39S/PW930 WIA WB WH	(0.422, 0.386) SDCM <2
58792200	ST771T 39S/PW930 WIA WB BK	(0.422, 0.386) SDCM <2

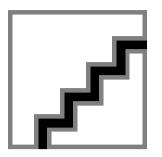
Order Code	Full Product Name	Initial chromaticity
97754200	ST780T 49S/830 DIA-VLC OVL-H WH	(0.434,0.403)<3

#### Product Data

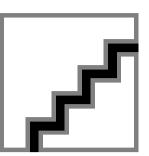
Order Code	Full Product Name	Product family code
58791500	ST771T 39S/PW930 WIA WB WH	ST771T
58792200	ST771T 39S/PW930 WIA WB BK	ST771T

Order Code	Full Product Name	Product family code
97754200	ST780T 49S/830 DIA-VLC OVL-H WH	ST780T

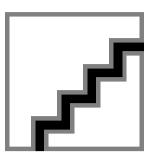
#### **Polar Wide Diagrams**



Polar Normal (separate) - ST780TI -910505101440



Polar Normal (separate) - ST770TI -910505102733



Polar Normal (separate) - ST770TI -910505102734



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